

19. (Amended) An isolated protein or polypeptide according to claim 17, wherein the protein or polypeptide is encoded by a nucleic acid whose full length complement hybridizes, at 65°C in a medium which includes 1 M NaCl, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 1 or SEQ ID NO: 3.

20. (Amended) A method of imparting disease resistance to a plant comprising:

applying a protein or polypeptide according claim 17 in a non-infectious form to a plant or plant seed under conditions effective to impart disease resistance to the plant or a plant grown from the plant seed.

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21. (Amended) A method according to claim 20, wherein said applying is carried out on a plant.

22. (Amended) A method according to claim 20, wherein said applying is carried out on a plant seed, said method further comprising:

planting the seed treated with the hypersensitive response elicitor in natural or artificial soil and

propagating a plant from the seed planted in the soil.

23. (Amended) A method of enhancing plant growth comprising:
applying a protein or polypeptide according claim 17 in a non-infectious form to a plant or plant seed under conditions effective to enhance growth of the plant or a plant grown from the plant seed.

24. (Amended) A method according to claim 23, wherein said applying is carried out on a plant.

25. (Amended) A method according to claim 23, wherein said applying is carried out on a plant seed, said method further comprising:

planting the seed treated with the hypersensitive response elicitor in natural or artificial soil and

propagating a plant from the seed planted in the soil.

26. (Amended) A method of insect control for plants comprising:
applying a protein or polypeptide according claim 17 in a non-
infectious form to a plant or plant seed under conditions effective to control insects on the
plant or a plant grown from the plant seed.

27. (Amended) A method according to claim 26, wherein said applying is
carried out on a plant.

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Conclude

28. (Amended) A method according to claim 26, wherein said applying is
carried out on a plant seed, said method further comprising:
planting the seed treated with the hypersensitive response elicitor in
natural or artificial soil and
propagating a plant from the seed planted in the soil.
